

Ritesh Agarwal

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Summary

A highly motivated and results-oriented professional with a proven track record of success in Software Development and Engineering. Seeking a challenging role where I can leverage my skills and experience of 15+ years in 'C' and 'Software Development Engineering' to contribute in a dynamic organization.

Experience

Principal Software Development Engineer	Apr 2024 - Present
Zscaler	Pune, India

- Collaborated with cross-functional teams to define project requirements and deliver multiple high-quality/impact customer-focused features, resulting in a measureable increase of Net Annual Recurring Revenue(NARR).
- Expedited resolution of critical blocker issues across development, release and production (mainline) branches, maintaining continuous delivery pipelines and ensuring production stability.
- Streamlined weekly reporting processes by gathering and summarizing team status, enhancing visibility into project health for senior management and cross-functional partners.
- Spearheaded engineering initiatives to enhance database component reliability by reducing Recovery Point Objectives (RPO) and Recovery Time Objectives (RTO) through in-depth analysis and benchmarking of industry-standard backup and restore methods.

Skills

- C, PostgreSQL, Redis, FreeBSD, RAFT, Perl, Shell Scripting, Python, Gdb, Data Structures, Algorithms

Senior Principal Software Engineer II Pubmatic	2019 - Apr 2024 Pune, India
<ul style="list-style-type: none">Led the development of a new feature that resulted in a 15% increase in user engagement.Mentored junior engineers and conducted code reviews to ensure code quality and adherence to best practices.Collaborated with cross-functional teams to define project requirements and deliver high-quality software solutions.	

Software Engineer	Jun 2020 - Oct 2022
Microsoft	Redmond, WA

Education

Stanford University Sept 2016 - Jun 2020
Master of Science in Computer Science Stanford, CA
• GPA: 3.8/4.0
• Relevant Coursework: Algorithms, Data Structures, Artificial Intelligence, Machine Learning

Projects

Personal Website | HTML, CSS, JavaScript, React Oct 2023 - Present

- Developed a personal website to showcase my portfolio and skills.
- Implemented a responsive design to ensure optimal viewing on all devices.

Skills

Languages: Python, Java, C++, JavaScript

Frameworks: React, Node.js, Django, Flask

Databases: MySQL, PostgreSQL, MongoDB

Tools: Git, Docker, Kubernetes, Jenkins